



Front and Rear bumper Installation Instructions



WARNING

Read the instructions completely before beginning the installation. Before tightening bolts, drilling or cutting where required, check to make sure that there are no obstructions such as brake, fuel or electrical lines that may be damaged. Also keep in mind this is an aftermarket product and MAY require some minor shimming and or trimming, reaming etc. to fit properly.

IMPORTANT NOTICE

If you are receiving this ROAD ARMOR product raw/uncoated. Be sure to inspect and test fit your product to ensure proper fitment and adequate surface preparation before having your product coated, painted, bed lined, etc. ROAD ARMOR will not be responsible for the cost of coating your bumpers if any problems with fit or finish are not noted and addressed prior to having your product coating.

THANK YOU



Suggested Lights Front Bumper: Rigid Dually series



Vision X - Optimus Solo



Rear Bumper: Rigid SR-M's



Verify you have all the hardware that was sent with the Bumper. The front Bumper requires the following hardware (all are Grade 8)

- (14) Single Bolt Plates
- (2) 1/2" Push On Retainers
- (2) 1/2 - 13" X 5" Bolts
- (18) 1/2" Flat Washers
- (16) 1/2" Lock Washers
- (16) 1/2" - 13 Hex Nuts
- (1) Large logo kit
- (2) Winch and Logo kit
- (4) 1" Plastic plugs

On to prepping the vehicle for installation. Park on a level surface, remove the license plate, and disconnect the battery. Now mask off the front and rear of the body to avoid scratches or chips in the paint when uninstalling/installing the bumpers.

Step 1 & 2 Remove bolts on the inner fender wells

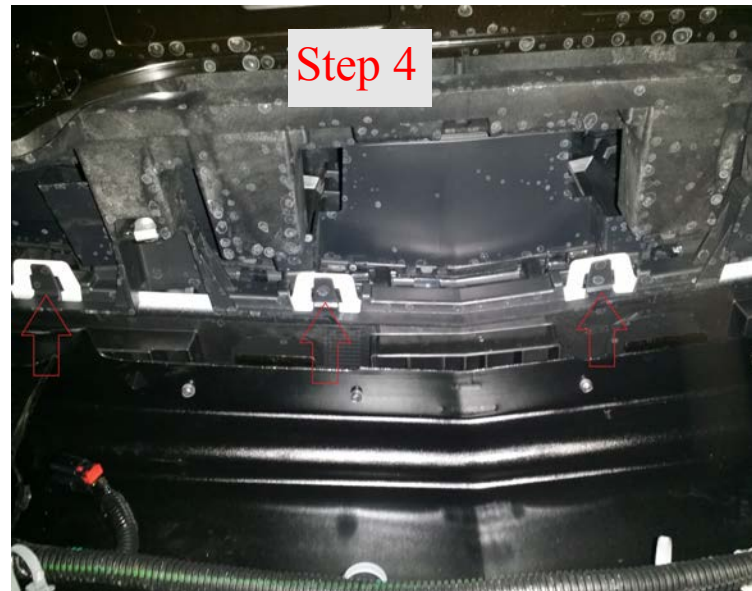




Step 3: Remove fascia holders



Step 4: Remove Fascia



Step 5: Remove fascia cover under headlights



Step 6: Remove dust cover upper fascia and grill



Step 7: Remove factory bumper



Step 7: Remove factory bumper





Step 7 : Remove factory bumper



Step 8: Cut off frame horns



Step 9: Cut off frame horns



Step 10: Paint frame horn



Step 11: Remove Bumper brackets and tow hook



Step 12: Install bracket loosely with bolt tabs





Step 11: Drill out pilot hole

Step 12 Install mounting brackets



Using a silver sharpie or paint pen mark the contour of the bumper on inner fenderwell by pulling it tight and tracing. Once traced, double check and make any necessary adjustments then cut excess plastic and tuck into bumper.





Installation of the Rear bumper

There are several steps you need to take before installing your new Road Armor bumpers.

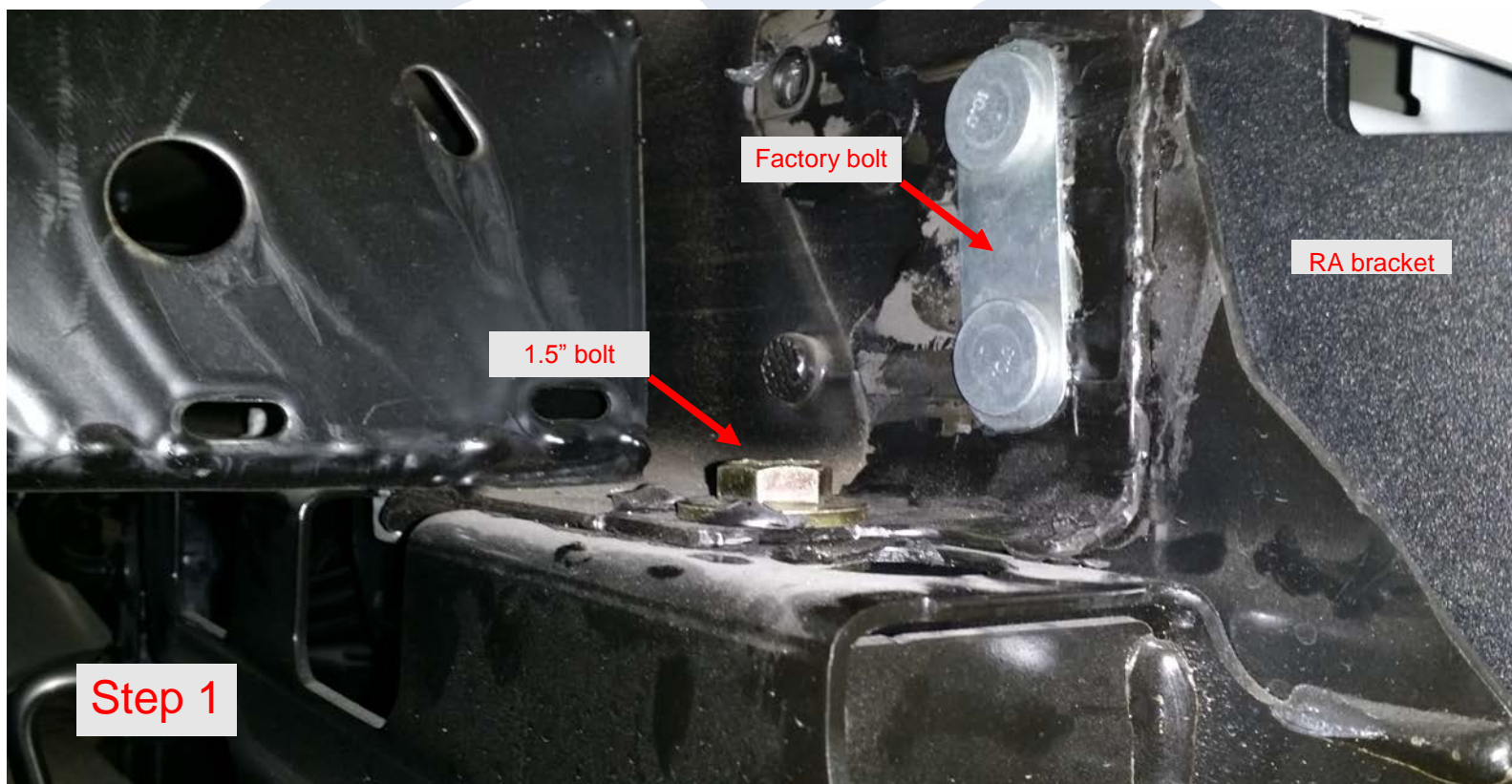
1. unplug the Sensors
2. Remove 2 bolts in the center of the bumper
3. Remove the Trailer Hitch plug
4. Remove the Receiver
5. Lower the spare tire if installing a winch
6. Unbolt the bumper brackets
7. The bumper brackets will interfere with the bed. You can either pry it past or loosen the bed bolts and remove factory

Now on to installing your Road Armor bumper

Verify you have all the hardware that was sent with the Bumper. The Rear Bumper requires the following hardware.

- (6) Single Bolt Plates
- (2) 1/2" Push On Retainers
- (10) 1/2" Flat Washers
- (8) 1/2" Lock Washers
- (8) 1/2" - 13 Hex Nuts
- (2) Small logo kit
- (4) 1" Plastic plugs
- (1) Receiver plug plate
- (2) 1.5" X .5 bolt

Step 1 Install RA bumper brackets loosely with 1.5" bolts and hardware in place of factory hitch bolt.





Install one bolt plate with retainer clip on each side of the RA bumper.



The final steps to installing your RA bumper would be the following:

1. Mount RA bumper to the brackets loosely.
2. Align bumper left, right, up and down then making sure the tailgate does not hit.
3. Tighten down all hardware and install remaining bolts.
4. Install sensors back into bumper
5. Install receiver plug plate on backside of the bumper clip in the plug, tighten hardware
6. Finally install the RA badges



Learn more about off-road bumpers on our website.